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(signature)

Date of signature and deposit -

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:)
BRADY REUBEN DAVIES) Confirmation No. TBA
Serial No. 10/590954) Group Art Unit: TBA
Filed: August 28, 2006) Examiner TBA
For: Selective Bonding for Forming a Microvalve) Attorney Docket 1-24871)

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Honorable Sir:

Pursuant to 37 C.F.R. 1.97(b), record is hereby made of information that the Patent Office may wish to consider in connection with its examination of the aboveidentified application. A completed PTO/SB/O8 form is enclosed along with copies of any such information with the exception of U.S. patent documents. As of the date of mailing of this paper a first office action on the merits has not been mailed the aboveidentified application.

Respectfully submitted.

James D. Schweikert

Reg. No. 58,057

MacMillan, Sobanski & Todd, LLC One Maritime Plaza, Fifth Floor 720 Water Street Toledo, Ohio 43604 (419) 255-5900

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LV/

SHEET 1 OF 5

(SUBSTITUTE FOR FORM 1449A/PTO) U.S. DEPARTMENT OF COMMER PTO/SB/08a (07-05)

1-24871

10/590954 APPLICATION NUMBER August 28, 2006 FILING DATE PATENT AND TO BE SO **BRADY REUBEN DAVIES** FIRST NAMED INVENTOR INFORMATION DISCLOSURE **TBA** ART UNIT STATEMENT BY APPLICANT **TBA EXAMINER NAME**

ATTORNEY DOCKET NUMBER

U.S. PATENT DOCUMENTS

EXAMINER	Спт	DOCMENT NUMBER	PUBLICATION DATE	Name of Patentee or	PAGES, COLUMNS, LINES WHERE RELEVAN
INITLAL	No. 1	NUMBER-KIND CODE 2 (IF KNOWN)	MM-DD-YYYY	APPLICATE OF CITED DOCUMBNET	PASSAGES OR RELEVANT FIGURES APPEAR
		0,886,045	04-28-1908	EHRLICH ET AL.	
		1,886,205	11-01-1932	LYFORD	
		1,926,031	09-12-1933	BOYNTON	
		2,412,205	12-10-1946	Соок	· ·
		2,504,055	04-11-1950	THOMAS	
		2,840,107	06-24-1958	CAMPBELL	
		2,875,779	03-03-1959	CAMPBELL	
		3,031,747	05-01-1962	GREEN	
		3,729,807	05-01-1973	FUJIWARA	
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		4,005,454	01-25-1977	FROLOFF ET AL.	
		4,019,388	04-26-1977	HALL, II ET AL.	
. <u>-</u> .		4,023,725	05-17-1977	IVETT ET AL.	
		4,152,540	05-01-1979	DUNCAN ET AL.	
		4,181,249	01-01-1980	PETERSON ET AL.	
		4,298,023	11-03-1981	McGinnis	
		4,341,816	07-27-1982	LAUTERBACH ET AL.	
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		4,581,624	04-08-1986	O'CONNOR	
		4,628,576	12-16-1986	GIACHINO ET AL.	
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		4,869,282	09-26-1989	SITTLER ET AL.	
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		5,037,778	08-06-1991	STARK ET AL.	
		5,050,838	09-24-1991	BEATTY ET AL.	
		5,054,522	10-08-1991	KOWANZ ET AL.	

EXAMINER DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (07-05)

		110/55/000 (07 05)
(SUBSTITUTE FOR FORM 1449A/PTO)	APPLICATION NUMBER	10/590954
U.S. DEPARTMENT OF COMMERCE	FILING DATE	August 28, 2006
PATENT AND TRADEMARK OFFICE	FIRST NAMED INVENTOR	BRADY REUBEN DAVIES
INFORMATION DISCLOSURE	ART UNIT	TBA
STATEMENT BY APPLICANT	EXAMINER NAME	TBA
SHEET 2 OF 5	ATTORNEY DOCKET NUMBER	1-24871
SHEET 2 OF 5	ATTORNEY DOCKET NUMBER	1-240/1

U.S. PATENT DOCUMENTS

EXAMINER	Стте	DOCMENT NUMBER	PUBLICATION DATE	Name of Patentee or	PAGES, COLUMNS, LINES WHERE RELEVAN
INITIAL	No. 1	NUMBER-KIND CODE 2 (IF KNOWN)	MM-DD-YYYY	APPLICATE OF CITED DOCUMBNET	PASSAGES OR RELEVANT FIGURES APPEAR
		5,058,856	10-22-1991	GORDON ET AL.	
		5,061,914	10-29-1991	BUSCH ET AL.	
		5,064,165	11-12-1991	JERMAN	
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		5,069,419	12-03-1991	JERMAN	
		5,074,629	12-24-1991	ZDEBLICK	
		5,082,242	01-21-1992	BONNE ET AL.	
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		5,116,457	05-26-1992	JERMAN	
		5,131,729	07-21-1992	WETZEL	
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1		5,197,517	03-30-1993	PERERA	
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EXAMINER DATE CONSIDERED

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PTO/SB/08a (07-05)

		1 10/38/000 (07-03)
(SUBSTITUTE FOR FORM 1449A/PTO)	APPLICATION NUMBER	10/590954
U.S. DEPARTMENT OF COMMERCE	FILING DATE	August 28, 2006
PATENT AND TRADEMARK OFFICE	FIRST NAMED INVENTOR	BRADY REUBEN DAVIES
INFORMATION DISCLOSURE	ART UNIT	TBA
STATEMENT BY APPLICANT	EXAMINER NAME	TBA
SHEET 3 OF 5	ATTORNEY DOCKET NUMBER	1-24871

U.S. PATENT DOCUMENTS

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EXAMINER INITIAL	CITE No. 1	DOCMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR	PAGES, COLUMNS, LINES WHERE RELEVANT
INITIAL	NO.	NUMBER-KIND CODE 2 (IF KNOWN)	MM-DD-YYYY	APPLICATE OF CITED DOCUMBNET	PASSAGES OR RELEVANT FIGURES APPEAR
		5,400,824	03-28-1995	GSCHWENDTNER ET AL.	
	· · · -	5,417,235	05-23-1995	WISE ET AL.	
		5,445,185	08-29-1995	WATANABE ET AL.	
		5,458,405	10-17-1995	WATANABE	
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		5,577,533	11-26-1996	Cook, Jr.	
		5,611,214	03-18-1997	WEGENG ET AL.	
		5,785,295	07-28-1998	TSAI	
		5,810,325	09-22-1998	CARR	
		5,838,351	11-17-1998	WEBER	
		5,848,605	12-15-1998	BAILEY ET AL.	
		5,873,385	02-23-1999	BLOOM ET AL.	
		5,909,078	06-01-1999	WOOD ET AL.	
		5,926,955	07-27-1999	KOBER	
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	_	5,954,079	09-21-1999	BARTH ET AL.	
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		6,761,420	07-13-2004	MALUF ET AL.	
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PTO/SB/08a (07-05)

						F 1 0/3 b/00a (07-03)
(SUBSTITUTE FOR FORM 1449A/PTO)		APPLICATION NUMBER 10/590954		954		
U.S. DEPARTMENT OF COMMERCE			FILING DATE	August	28, 2006	
PATENT AND TRADEMARK OFFICE			FIRST NAMED INVENTOR	BRADY REUBEN DAVIE		
INFORMATION DISCLOSURE			ART UNIT	TBA		
STATEMENT BY APPLICANT			Examiner Name	TBA		
SHEET 4 OF 5		ATTORNEY DOCKET NUMBER	1-2487	1		
			U.S. PATI	ENT DOCUMENTS		
EXAMINER	CITE	DOCMENT NUMBER	PUBLICATION DATE	Name of Patentee or		PAGES, COLUMNS, LINES WHERE RELEVANT
INITIAL	No. ¹	NUMBER-KIND CODE 2 (IF KNOWN)	MM-DD-YYYY	APPLICATE OF CITED DOCUMBN	ET	PASSAGES OR RELEVANT FIGURES APPEAR
		2002/0174891	11-28-2002	MALUF ET AL.		
		2003/0092526	05-15-2003	HUNNICUTT ET AL.		
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		2006/0218953	10-05-2006	HIROTA		
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		<u> </u>	FOREIGN PA	ATENT DOCUMENT	S	
		FOREIGN PATENT DOCUMENT	BUDG ATION DATE	Name of Patentee or	į.	PAGES, COLUMNS, LINES WHERE RELEVANT
EXAMINER	CITE	FOREIGN FATENT DOCUMENT	PUBLICATION DATE			PAGES, COLOMINS, EINES WHERE RELEVANT
EXAMINER INITIAL	No. 1	COUNTRY CODE NUMBER KIND	MM-DD-YYYY	APPLICATE OF CITED DOCUMBN	ЕТ	PASSAGES OR RELEVANT FIGURES APPEAR
	i	COUNTRY CODE NUMBER KIND CODE	MM-DD-YYYY		ET	
	i	COUNTRY CODE NUMBER KIND		APPLICATE OF CITED DOCUMBN		
	i	COUNTRY CODE NUMBER KIND CODE	MM-DD-YYYY	APPLICATE OF CITED DOCUMBN		
	i	COUNTRY CODE NUMBER KIND CODE DE2215526	MM-DD-YYYY 10-04-1973	APPLICATE OF CITED DOCUMBN LICENTIA GMBH TOKYO SHIBAURA ELEC	TRIC	
	i	COUNTRY CODE NUMBER KIND CODE DE2215526 DE2930779 DE3401404	10-04-1973 02-07-1980 07-25-1985	APPLICATE OF CITED DOCUMBN LICENTIA GMBH TOKYO SHIBAURA ELEC	TRIC (DE)	
	i	COUNTRY CODE NUMBER KIND CODE DE2215526 DE2930779	10-04-1973 02-07-1980 07-25-1985 07-23-1992	APPLICATE OF CITED DOCUMBN LICENTIA GMBH TOKYO SHIBAURA ELEC CO BOSCH GMBH ROBERT	TRIC (DE) (DE)	
	i	COUNTRY CODE NUMBER KIND CODE DE2215526 DE2930779 DE3401404 DE4101575	10-04-1973 02-07-1980 07-25-1985	APPLICATE OF CITED DOCUMBN LICENTIA GMBH TOKYO SHIBAURA ELEC CO BOSCH GMBH ROBERT BOSCH GMBH ROBERT	(DE) (DE) (DE) (DE)	
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	i	COUNTRY CODE NUMBER KIND CODE DE2215526 DE2930779 DE3401404 DE4101575 DE4417251 DE4422942 EP250948 EP261972	10-04-1973 02-07-1980 07-25-1985 07-23-1992 11-23-1995 01-04-1996 01-07-1988	APPLICATE OF CITED DOCUMBN LICENTIA GMBH TOKYO SHIBAURA ELECTO BOSCH GMBH ROBERT BOSCH GMBH ROBERT BOSCH GMBH ROBERT BOSCH GMBH ROBERT FRAUNHOFER GES FORSCHUNG (DE) UNIV LELAND STANFOR JUNIOR (US)	(DE) (DE) (DE) (DE) (DE)	
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10/590954 APPLICATION NUMBER (SUBSTITUTE FOR FORM 1449B/PTO) August 28, 2006 U.S. DEPARTMENT OF COMMERCE FILING DATE PATENT AND TRADEMARK OFFICE **BRADY REUBEN DAVIES** FIRST NAMED INVENTOR INFORMATION DISCLOSURE **TBA** ART UNIT **TBA** STATEMENT BY APPLICANT EXAMINER NAME ATTORNEY DOCKET NUMBER 1-24871

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